

Thank you for joining this webinar and discussion

We will discuss how librarians can encourage and support health-related researchers to improve the quality of published research papers

[La discusión es acerca de cómo las bibliotecarias pueden motivar y apoyar a los investigadores en salud a mejorar la calidad de las publicaciones sobre investigaciones]

This webinar is due to start / [el webinario empezará at 3pm BST/10am EDT](#)
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The EQUATOR Network is funded by:

Embracing new roles / Asumiendo nuevos roles:

how librarians can encourage and support clinicians and health-related researchers to improve the quality of published research papers / Cómo pueden los bibliotecarios apoyar a los investigadores a mejorar la calidad de las publicaciones sobre investigaciones



**Shona Kirtley, Research Information Specialist,
EQUATOR Network, Centre for Statistics in
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Presentation Outline

- * What is the EQUATOR Network / ¿Qué es la Red EQUATOR?
- * Consequences of poor reporting / consecuencias de los informes deficientes
- * What are reporting guidelines? / ¿Qué son las guías para informar sobre las investigaciones?
- * What is the EQUATOR Network doing to help? / ¿Qué está haciendo Equator al respecto?
- * How can librarians help? / ¿Cómo pueden ayudar las bibliotecarias?
- * What libraries are already doing? / Lo que ya estan haciendo las bibliotecarias
- * The EQUATOR International Librarian Network / La red internacional de bibliotecarias de EQUATOR

About EQUATOR

EQUATOR: Enhancing the QUALity and Transparency Of health Research

International initiative to improve the reliability and value of medical research literature by promoting transparent and accurate reporting /
Iniciativa internacional para mejorar la confiabilidad y el valor de la literatura médica promoviendo la publicación de investigaciones más precisas y transparentes.

Established due to growing evidence of serious deficiencies in research literature and its effect on the reliability and usability of research results /
Establecida a raíz del aumento en la evidencia sobre la deficiencia de la literatura médica y su efecto en la confianza y utilidad de los resultados de la investigación.

What is missing from descriptions of treatment in trials and reviews?

Replicating non-pharmacological treatments in practice depends on how well they have been described in research studies, say Paul Glasziou and colleagues

Have you ever read a trial or review and wondered exactly how to carry out treatments such as a "behavioural intervention,"

receiving numerous requests for additional details from doctors and patients, the author of a randomised trial on graded exercise for



ARTICLE

Adequacy of Published Oncology Randomized Controlled Trials to Provide Therapeutic Details Needed for Clinical Application

Jennifer M. Duff, Helen Leather, Edmund O. Walden, Kourtney D. LaPlant, Thomas J. George Jr

Manuscript received July 9, 2009; revised March 15, 2010; accepted March 16, 2010.

Correspondence to: Thomas J. George Jr, MD, FACP, Division of Hematology Oncology, Department of Medicine, PO Box 100278, Gainesville, FL 32610-0278 (e-mail: thom.george@medicine.ufl.edu).

Background: Randomized-controlled trials (RCTs) improve clinical care through evidence-based RCT result reporting, but specific details of therapeutic administration and protocol of the trial design. We assess the reporting methodology in RCTs published in the medical literature.

Methods: Ten essential elements of RCT reporting were identified and included a maximum number of cycles, premedication, growth factor support, patient adjustments for hematologic and organ-specific toxicity. All therapy-based RCTs published in the New England Journal of Medicine (NEJM), Journal of Clinical Oncology (JCO), Journal of

Clin Chem Lab Med 2012;50(3):411–413 © 2012 by Walter de Gruyter • Berlin • Boston. DOI 10.1515/cclm-2011-0904

An appeal to medical journal editors: the need for a full description of laboratory methods and specimen handling in clinical study reports

Reporting of adverse events in randomized controlled trials of highly active antiretroviral therapy: systematic review

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Received 5 February 2009; returned 3 April 2009; revised 20 April 2009; accepted 20 April 2009

Objectives: Our objectives were to systematically assess the quality of (AEs) in publications of randomized trials of highly active antiretroviral therapy. We examine whether reporting quality affects the effect estimates reported for the treatment.

Methods: We searched the PubMed, Cochrane library and EMBASE December 2008. We included all published randomized controlled trials comparing treatment-naïve adult HIV-infected individuals, with 48 weeks' follow-up. The extracted data were analyzed according to CONSORT guidelines. We pooled the relative risk results by sponsorship and different reporting methods.

Results: Forty-nine trials, including 19882 patients, published between 1990 and 2008, met the inclusion criteria. Only one of the trials reported an AE collection method. Only AEs attributed to drugs, 17 of which did not refer to the attribution nearly always selective and selection criteria were highly variable, based on a threshold. Presentation of AEs above an occurrence threshold was sponsored by industry (30/31) than in studies sponsored by non-profit or

RESEARCH ARTICLE

Electronic search strategies to identify reports of cluster randomized trials in MEDLINE: low precision will improve with adherence to reporting standards

Monica Taljaard^{1,2*}, Jessie McGowan^{1,3,4,5}, Jeremy M. Grimshaw^{1,6}, Jamie C. Brehaut^{1,2}, Andrew McRae⁷, Martin P. Eccles⁸, Allan Donner^{7,9}

Exercise prescription: a case for standardised reporting

Susan Carolyn Slade, Jennifer Lyn Keating

ABSTRACT

Background: Structured, regular exercise is recommended to improve health outcomes. Exercise takes many forms and varies in type, intensity, duration and frequency. The authors used the example of exercise for chronic health conditions to examine how exercise programmes are described and summarised in reviews.

Two independent reviewers conducted a systematic review of exercise reporting practices using the example of exercise effects for chronic conditions as the inclusion criteria. Systematic reviews summarised the effects of exercise programmes with chronic health conditions. Exclusion criteria were studies of children and adolescent

exercise is beneficial for people with cystic fibrosis, chronic obstructive pulmonary disease, intermittent claudication, knee osteoarthritis and low back pain.¹

Exercise is a non-specific term. It includes activities that vary in type, frequency, intensity, mode and environmental requirements. It may be conceptualised as a series of specific movements to train or develop the body with routine practice or as any kind of physical training to promote physical health.^{12–14} Exercise can vary with respect to the type of muscle contraction, load, speed and range of movement, number of repetitions and sets, order of exercises and rest times. It is used to enhance strength, endurance, flexibility, function,

OPEN ACCESS Freely available online

Publication Bias in Antipsychotic Trials: A Systematic Review of Efficacy Comparing the Published Literature with the Food and Drug Administration Database

Lee Shapley⁵

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of evidence-based medicine, yet a drug regulatory agencies, e.g., the US Food and Drug Administration, which data in journal articles can be checked to which it inflates apparent

What are reporting guidelines?

- * Statements providing advice on how to report research methods and findings / Declaraciones que dan consejo para informar sobre métodos y resultados
- * Specify a minimum set of items required for a clear and transparent account of what was done and what was found in a research study / Especifican los elementos mínimos necesarios para informar con transparencia qué se hizo y qué se encontró
- * Typically take the form of a checklist, flow diagram or piece of explicit text / Típicamente toman la forma de un listado, un diagrama de flujo o un texto explícito
- * Based on available evidence and reflect the consensus opinion of experts in a particular field / En base a evidencia disponible reflejan la opinión consensuada de expertos en un tema particular
- * Complement advice on scientific writing and journals' instructions to authors / Complementan las guías de escritura científica e instrucciones para autores
- * Some examples include / Algunos ejemplos incluyen:



What is EQUATOR doing to help?

- * **Library for health research reporting / Biblioteca para publicación de investigaciones en salud**
 - * Information for authors of research reports / información para autores
 - * Resources for journal editors and peer reviewers / recursos para editores y revisores de revistas
 - * Resources for developers of reporting guidelines / recursos para aquellos que desarrollan guías
 - * Information about reporting guidelines currently under development / Información sobre guías que están en desarrollo
 - * Wide range of other relevant resources / muchos otros recursos pertinentes



What is EQUATOR doing to help?

- * **Database of reporting guidelines / base de datos de guías para informar y publicar sobre investigaciones**
 - * Up-to-date and comprehensive collection of reporting guidelines / Colección completa y actualizada de guías para informar y publicar
 - * Searchable by browse menu or using free-text / se puede buscar hojeando o por texto libre
- * **Education and awareness raising / Educación y sensibilización**
 - * Workshops / Talleres
 - * Attendance at meetings and conferences / Conferencias y reuniones
- * **Collaboration / Colaboracion**
 - * PAHO / OPS
 - * Other collaborative activities / Otras actividades colaborativas



Website homepage



Enhancing the **QUALity** and
Transparency Of health Research



Visit the **EQUATOR**
Spanish Website

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The resource centre for good reporting of health research studies



Library for health research reporting

The Library contains a comprehensive searchable database of reporting guidelines and also links to other resources relevant to research reporting.



[Search for reporting
guidelines](#)



[Visit the library for
more resources](#)



Key reporting guidelines

CONSORT	Full Record Checklist Flow Diagram
STROBE	Full Record Checklist
PRISMA	Full Record Checklist Flow Diagram
STARD	Full Record Checklist Flow Diagram
COREQ	Full Record
ENTREQ	Full Record
SQUIRE	Full Record Checklist
CHEERS	Full Record Checklist
CARE	Full Record Checklist
SAMPL	Full Record



Toolkits

The EQUATOR Network works to improve the reliability and value of medical research literature by promoting transparent and accurate reporting of research studies.

Our Toolkits support different user groups, including:



[Authors](#)

Information and resources for authors

EQUATOR highlights

3/10/2013 - OPEN: To overcome failure to publish negative findings

The EU-funded OPEN project (Overcome failure to Publish nEgative fiNdings) brought together key opinion leaders from across Europe to address the issue of publications bias. [Read More](#)

17/09/2013 - EQUATOR Network at the Peer Review Congress 2013 in Chicago

EQUATOR actively participated at the Seventh International Congress on Peer Review and Biomedical Publication, 8-10 September 2013, Chicago, USA. We organised the EQUATOR workshop for editors on reporting of research studies (Saturday 7 September am) and the EQUATOR 5th Annual ... [Read More](#)

News

The Checklist Manifesto Meets Clinical Trials 9/10/2013

Publicly available sources provide insufficient information on patient-relevant outcomes of clinical trials
9/10/2013

New EASE Science Editors' Handbook published
1/10/2013

Clinical Trials 2013 – 2014
20/09/2013

The New ICMJE Recommendations
29/08/2013

Database of reporting guidelines



Enhancing the **QUALITY** and
Transparency Of health Research



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Search for reporting guidelines



Browse for reporting guidelines by selecting one or more of these drop-downs:

Study type

Please select...

Clinical area

Please select...

Section of report

Please select...

Or search with free text

[Start again](#) | [Help](#)

Displaying 218 reporting guidelines found.

Most recently added records are displayed first.



1 [Launch of a checklist for reporting longitudinal observational drug studies in rheumatology: a EULAR extension of STROBE guidelines based on experience from biologics registries](#)



2 [The Strengthening the Reporting of Observational Studies in Epidemiology \(STROBE\) Statement: guidelines for reporting observational studies](#)



3 [CONSORT 2010 Statement: updated guidelines for reporting parallel group randomised trials](#)



4 [Better reporting of harms in randomized trials: an extension of the CONSORT Statement](#)



5 [The CARE Guidelines: Consensus-based Clinical Case Reporting Guideline Development](#)



Key reporting guidelines

CONSORT	Full Record Checklist Flow Diagram
STROBE	Full Record Checklist
PRISMA	Full Record Checklist Flow Diagram
STARD	Full Record Checklist Flow Diagram
COREQ	Full Record
ENTREQ	Full Record
SQUIRE	Full Record Checklist
CHEERS	Full Record Checklist
CARE	Full Record Checklist
SAMPL	Full Record

Translations

Some reporting guidelines are also available in languages other than English. Find out more in our [Translations section](#).

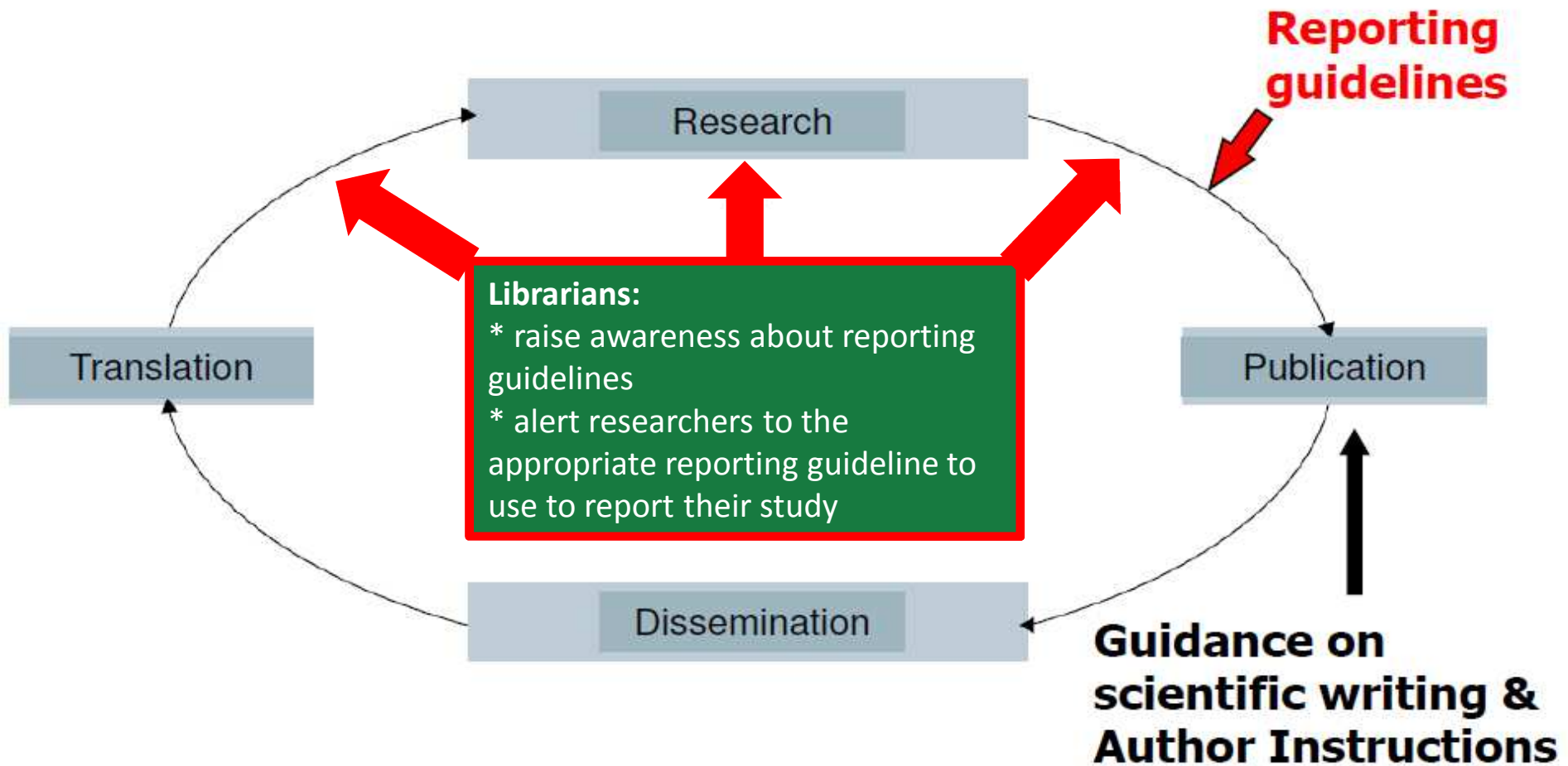
About the Library

For information about Library scope and content, identification of reporting guidelines and inclusion/exclusion criteria please visit [About the Library](#).

Visit our [Help page](#) for information about searching for reporting guidelines and for general information about using our website.

Our full catalogue of reporting guidelines is available to download as a PDF: [Reporting](#)

A new role for Librarians?



How can librarians help? ¿Cómo pueden ayudar los bibliotecarios?

Librarians are excellently positioned to raise awareness about reporting guidelines and encourage their use / Los Bibliotecarios están en una posición privilegiada para sensibilizar sobre estas guías



* **Promotion / Promoción**

- * Display EQUATOR Network leaflets/posters / Despliegue folletos y posters de EQUATOR
- * Include details about reporting guidelines in library bulletins / Incluya detalles sobre estas guías en los boletines de su biblioteca
- * Link to the EQUATOR Network website from library website pages / Incluya enlaces al sitio web de EQUATOR desde el sitio web de su biblioteca

How can librarians help? Como pueden ayudar los bibliotecarios?



* Education / Educar

- * Include information about reporting guidelines in library induction sessions / *incluya información sobre las guías en las sesiones de inducción*
- * Hold research reporting workshops / *ofrecer talleres sobre estas guías*

* Researcher support / Apoyo a investigadores

- * When supporting the work of health researchers mention relevant reporting guidelines and how to locate them / *Al dar apoyo mencionar las guías y mostrar cómo localizarlas*
- * When presenting the results of literature searches to researchers alert them to the appropriate reporting guideline for reporting their study / *Al entregar los resultados de las búsquedas bibliográficas alertar sobre la manera apropiada para informar sobre su estudio*

What are librarians currently doing?

Evidence Portal

Search:

Health Care

Systematic Reviews
Cochrane Reviews (CDRS), Quality-assessed Reviews (DARE), Protocols of Cochrane Reviews, LILACS

Clinical Trials
CENTRAL, LILACS, Trials on spinal pathologies

Evidence Summaries
Actualización en la práctica ambulatorial, Bandoier, Gestión clínica y sanitaria

Health Economic Evaluations
NHS-EED, LILACS

Health Technology Assessments
HTA-INAHITA, Iberoamerican Agencies

Clinical Practice Guidelines
National Guideline Clearinghouse (US)

Evidence-Based Medicine: methodology and application

Relevant sites

Clinical Trials
How to search, Registry platform, Application of methodology

Systematic Reviews and Meta Analysis
How to search, Application of methodology, Training activities

Reporting health research
Writing high quality research papers: the EQUATOR Network

Terminology, Glossary
DeCS-Health Terminology, Evidence-Based Medicine Glossary – Oxford Center, Glossary of terms in The Cochrane Collaboration

Wikipedia EBM

TOPICS

Woman Health +
Trauma +
Nervous System Disease +
Neoplasms +
Disorders +
Diseases +
Sexually Transmitted Diseases +
Health Care +
Mental Health +
Oral Health

NEW YORK UNIVERSITY LIBRARIES

Research Guides

Health (Nursing, Medicine, Allied Health)

Guide to locating health evidence. View the EBP "pyramid" and link to tools for locating relevant research.

Critical Appraisal

Critical Appraisal Resources

- AGREE II Assessment of practice guidelines...
- AGREE II tutorial
- Appendix 1: Checklists for finding, appraising, and implementing evidence (in Greenhalgh, Trisha. (2001). How to Read a Paper: The Basics of Evidence Based Medicine. J [nyu.edu only])
- Can I Use This Evidence in my Program Decision? Tool for Assessing Applicability and Transferability of Evidence (National Collaborating Centre for Methods and Tools) (Tool for Assessing Applicability and Transferability of Evidence for Public Health Managers and Planners)
- CASP International Network (CASPIn)
The CASP International Network (CASPIn) is an international collaboration which supports the teaching and learning of critical appraisal skills, and in particular helps other people set up sustainable training programmes. Appraisal tools are available for:
Systematic reviews
Randomised controlled trials
Qualitative research studies
Economic evaluation studies
Cohort studies
Case control studies
Diagnostic test studies
- Critical Appraisal worksheets from the Centre for Evidence Based Medicine (Oxford)
Systematic Review Critical Appraisal Sheet
Diagnostic Critical Appraisal Sheet
RCT Critical Appraisal Sheet
Prognosis Critical Appraisal Sheet
PCO Critical Appraisal Sheet (PDF)
PCO Critical Appraisal Sheet (MS-Word)
Educational Prescription Critical Appraisal Sheet (PDF)
- Equator Network: Enhancing the Quality and Transparency Of health Research
- How to Use an Article About Quality Improvement (JAMA Users' Guides)
Assessing the effectiveness of QI interventions

PRISMA Statement Website

PRISMA stands for Preferred Reporting Items for Systematic Reviews and Meta-Analyses. It is an evidence-based minimum set of items for reporting in systematic reviews and meta-analyses. Link to the PRISMA web site to access the PRISMA STATEMENT, a 27-item checklist and a four-phase flow diagram to help authors improve the reporting of systematic reviews and meta-analyses.

Mulford Health Science Library
Instructions to Authors in the Health Sciences
3000 Arlington Avenue, Toledo, OH 43614 419-353-4225

U.S. National Library of Medicine
National Institutes of Health

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You

Home > Bibliographic Services Division > MEDLINE®/PubMed® Resources Guide

Contact Us

Search

The World

Research Reporting Guidelines and Initiatives: By Organization

This chart lists the major biomedical research reporting guidelines that provide advice for reporting research methods and findings. They are a set of items required for a clear and transparent account of what was done and what was found in a research study, reflecting, in particular, introduction bias into the research* (Adapted from the EQUATOR Network Resource Centre). The chart also includes editorial style guides for other publications.

Additional information about these guidelines and/or initiatives can be found using the [Research Guidelines Search](#).

ORGANIZATION/GUIDELINE	DESCRIPTION
AMA Manual of Style Online Edition AMA Manual of Style (10th ed.) (Print Version)	A manuscript style guide for authors and editors.
ASSERT: A Standard for the Scientific and Ethical Review of Trials	Proposed standard for the review and monitoring of randomized clinical trials by committees. Checklist incorporates certain elements of CONSORT, to ensure full requirements for scientific validity in the ethical conduct of clinical research.

AUTHOR GUIDELINES

COPE Guidelines
EASE Guidelines
Uniform Requirements for Manuscripts Submitted to Biomedical Publication (Vancouver Style)

CONFLICT OF INTEREST

ICMJE Conflict of Interest Form

COPYRIGHT

SHERPA Publisher Copyright Policies and Self-Archiving
SPARC Author's Addendum

OPEN ACCESS

NIH Public Access Plan

REPORTING STANDARDS

NLM Research Reporting Guidelines and Initiatives
CONSORT Statement
Equator Network - Health Sciences Research Reporting Guidelines
MOOSE Consensus

Instructions to Authors in the Health Sciences

These pages provide links to Web sites which provide instructions to authors for over 6,000 journals in the health and life sciences. All links are to "primary sources" - that is, to publishers and organizations with editorial responsibilities for the titles.

Alphabetical Listings of Journal Titles

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Search

☐ Journal title begins with:
☒ Journal title contains:

Add special character: ▼



Potential impact

By adopting some simple awareness raising practices librarians can / Adoptando algunas prácticas de sensibilización los bibliotecarios pueden:

- * Indirectly improve the reliability of literature searching and indexing / indirectamente mejorar la confiabilidad de las búsquedas e indización de la literatura
- * Help improve the quality of the research papers written by staff within their organisation / ayudan a mejorar la calidad de los artículos que escriben el personal de su organización
- * Help ensure that research studies provide a more reliable basis for making clinical decisions or for inclusion in further research / ayudan a que las investigaciones provean una base más confiable para la toma de decisiones o para incluir en futuros estudios
- * Help the results of research be transferred into practice / ayudan a que los resultados de la investigación se lleven a la práctica
- * Demonstrate to the head of their organisation that the library is playing a fundamental role in improving the quality of the research output of the organisation / Demostrar a su CEO que la biblioteca juega un papel fundamental en mejorar la calidad de las investigaciones en su organización

Potential impact

Most importantly...librarians will be playing a central role in improving not only the quality and subsequent usability of published health research but also advancing the global body of health knowledge and ultimately improving patient care!

Y lo más importante.....Los bibliotecarios estarán jugando un papel central no solamente en mejorar la calidad y utilidad de las publicaciones sobre investigaciones sino en avanzar el acervo mundial del conocimiento en salud y en última instancia mejorar el cuidado del paciente!

EQUATOR International Librarian Network

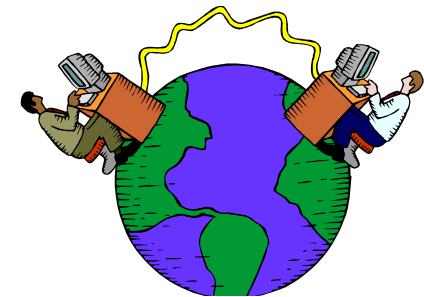
Exciting new role for librarians!

* **Establish an EQUATOR International Librarian Network**

- * Free-to-join virtual network for librarians where we will work together to raise awareness about and encourage the use of reporting guidelines

* **The network will provide:**

- * Help & advice
- * Training
- * Resources
- * Regular updates
- * Email discussion list
- * Country directory



We plan to:

- * Set-up an advisory group
- * Identify country representative librarians
- * Raise funding for network activities

...to enable librarians to confidently discuss available reporting guidelines with the clinicians and researchers with whom they work.

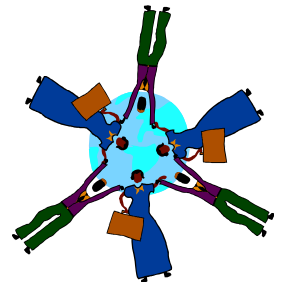
Embracing new roles

Opportunities / Oportunidades

We are very keen for librarians to get involved...please do consider:

- * Volunteering to join our advisory group or become a country representative / *Voluntariarse a unirse al grupo asesor o ser un representante del país*
- * Contributing your ideas and experiences to our toolkit development and resources / *contribuir al desarrollo de la caja de herramientas*
- * Suggesting ideas for other relevant activities that the network could support / *Contribuir ideas para otras actividades relevantes que la red puede apoyar*
- * Simply join the network and start raising awareness about reporting guidelines / *Simplemente unirse a la red y empezar la sensibilización*

Are you ready and willing to embrace a new role and make a real difference?! / *Están listos a adoptar un nuevo rol que pueda hacer una diferencia?*



Acknowledgements



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- * **Kenneth F. Schulz**, Family Health International, Chapel Hill, USA

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EQUATOR Network:
www.equator-network.org



<http://www.espanol.equator-network.org/>

Contact: shona.kirtley@csm.ox.ac.uk



Questions:

Do you think that Librarians would be willing to adopt this new role?

In what ways would it be possible for librarians to raise awareness amongst health researchers?

What resources would it be useful for us to develop to help you raise awareness (brief Powerpoint slides, videos etc.)?

How important is it to have information and resources provided in Spanish/Portuguese?

Contact: shona.kirtley@csm.ox.ac.uk

www.equator-network.org